

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1.-36. (Canceled).

37. (Previously Presented) A code division multiple access (CDMA) subscriber unit comprising:

a wireless transceiver configured to transmit and receive digital signals with a base station over a code division multiple access (CDMA) channel, the CDMA channel having a plurality of subchannels; and

a bandwidth manager, coupled to the wireless transceiver, configured to receive a time slot assignment from the base station over the CDMA channel, wherein the time slot assignment is used for uplink transmissions during an idle mode only;

the wireless transceiver configured to transmit an idle mode signal over the CDMA channel to the base station, the idle mode signal based on the time slot assignment when the wireless transceiver is powered on but not actively transmitting data to maintain timing alignment;

wherein the idle mode signal alternates between sending bits and not sending bits in time slots.

38. (Previously Presented) The CDMA subscriber unit of claim 37 wherein

the base station maintains a code phase lock with the wireless transceiver based upon the idle mode signal.

39.-41. (Canceled).

42. (Currently Amended) The CDMA subscriber unit of claim 37 wherein the bandwidth manager is further configured to receive an updated time slot assignment over the CDMA channel for the transmission of a subsequent idle mode signal.

43. (Previously Presented) A code division multiple access (CDMA) subscriber unit comprising:

a wireless transceiver configured to transmit and receive digital signals with a base station over a CDMA channel, the CDMA channel having a plurality of subchannels; wherein the digital signals include an idle mode signal; and

a bandwidth manager, coupled to the wireless transceiver, configured to allocate subchannels on an as needed basis when the wireless transceiver is actively transmitting data, and

receive a time slot assignment from the base station over the CDMA channel, wherein the time slot assignment is used for uplink transmissions during an idle mode only;

wherein the wireless transceiver is further configured to transmit the idle mode signal over the CDMA channel to the base station based on the time slot assignment when the wireless transceiver is powered on but not actively transmitting data to maintain timing alignment;

wherein the idle mode signal alternates between sending bits and not sending bits in time slots.

44. (Currently Amended) The CDMA subscriber unit of claim 43 wherein the base station maintains a code phase lock with the wireless transceiver based upon the idle mode signal.

45.-47. (Canceled).

48. (Currently Amended) The CDMA subscriber unit of claim 43 wherein the bandwidth manager is further configured to receive an updated time slot assignment over the CDMA channel for ~~the~~ transmission of a subsequent idle mode signal.

49.-67. (Canceled).

68. (Previously Presented) The CDMA subscriber unit of claim 37 wherein each of the time slots is 1.25 ms.

69. (Previously Presented) The CDMA subscriber unit of claim 43 wherein each of the time slots is 1.25 ms.